



SEQUENCE LISTING

<110> BERNARD, DELOBEL
ANNIE, GRENIER
JACQUES, GUEGEN
ERIC, FERRASSON
MBAIGUINAM, MBAILAO

<120> USE OF POLYPEPTIDE DERIVED FROM A PA 1B LEGUME ALBUMEN AS INSECTICIDE

<130> 199463USOXPCT

<140> US 09/674,496

<141> 2001-01-11

<150> PCT/FR99/01085

<151> 1999-05-07

<150> FR 98/05877

<151> 1998-05-11

<160> 8

<170> PatentIn version 3.1

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<212> PRT

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<223> SYNTHETIC PEPTIDE

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<221> MISC_FEATURE

<222> (1)..(10)

<223> X IS ANY ONE AMINO ACID, AND ONE OR MORE X MAY BE ABSENT

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1 5 10 15

Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa
35 40 45

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa
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<222> (3)..(3)
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<223> X is an amino acid chosen from aspartic acid or glutamic acid

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<222> (5)..(5)
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<223> X is an amino acid chosen from alanine, serine, glycine, threonine and a basic residue

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Xaa Xaa Xaa Xaa
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<223> X is proline

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<222> (8)..(8)

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<223> X is an amino acid chosen from valine, leucine, isoleucine and methionine

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

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1 5

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Ala Ser Cys Asn Gly Val Cys Ser Pro Phe Glu Met Pro Pro Cys Gly
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Thr Ser Ala Cys Arg Cys Ile Pro Val Gly Leu Val Ile Gly Tyr Cys
20 25 30

Arg Asn Pro Ser Gly
35

<210> 7

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<223> SYNTHETIC PEPTIDE

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Ala Ser Cys Asn Gly Val Cys Ser Pro Phe Glu Met Pro Pro Cys Gly
1 5 10 15

Thr Ser Ala Cys Arg Cys Ile Pro Val Gly Leu Val Val Gly Tyr Cys
20 25 30

Arg Asn Pro Ser Gly
35

<210> 8

<211> 37
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<220>
<223> SYNTHETIC PEPTIDE

<400> 8

Ala Asp Cys Asn Gly Ala Cys Ser Pro Phe Glu Val Pro Pro Cys Arg
1 5 10 15

Ser Arg Asp Cys Arg Cys Val Pro Ile Gly Leu Phe Val Gly Phe Cys
20 25 30

Ile His Pro Thr Gly
35